

N/F DURHAM

S71°52'04" E
370.00

N/F SCHNEIDER

LOT AREA:
1.43 ACRES±
(CRD PLAN C20158
SEE PLOT PLAN)

* EXISTING SYSTEM
COMPONENTS AND
ASSOCIATED ORGANIC
MATERIAL TO BE
REMOVED AND DISPOSED
OF OFF SITE.

1

Command= 210-

Point#, Start#-End# or G#= 1-255

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
					15:57:22		D:... \BMHOME19
	02-19-2025						
		50.00	SETHUB	1	5000.0000	5000.0000	
		52.61	CORHSE	2	4987.4140	4928.6211	TRA
		49.89	PROP***	3	4966.7762	4922.9477	SS
		48.11	EDGLWN	4	4953.3624	4924.0102	SS
		47.75	EDGLWN	5	4942.4805	4931.4307	SS
		47.94	EDGLWN	6	4931.3901	4943.5150	SS
		47.73	EDGLWN	7	4930.7135	4958.7424	SS
		48.10	EDGLWN	8	4952.3734	4971.4663	SS
		48.82	ELTSDTCH	9	4971.0399	4979.1069	SS
		49.96	15MAPTS	10	4979.4789	4979.9500	SS
		49.41	TSDTCH	11	4997.1211	4982.5256	SS
		49.42	TSDTCH	12	5009.8246	4986.8685	SS
		51.17	L1.5MAP*	13	5020.5577	4986.0392	SS
		51.34	EP	14	5025.8971	4970.1343	SS
		52.37	EP**	15	5034.9751	4951.1498	SS
		52.25	EPOC	16	5045.6347	4951.6018	SS
		52.30	COREP	17	5050.7592	4946.3731	SS
		52.03	R1COREP	18	5062.5504	4949.4229	SS
		51.68	EP	19	5056.6965	4963.6287	SS
		51.17	EP	20	5044.5723	4978.5155	SS
		50.48	EP	21	5036.8726	4992.0971	SS
		49.25	TOP12CMP	22	5040.1466	4993.0134	SS
		50.62	POLE	23	5037.0668	4997.8339	SS
		50.64	EP	24	5057.0089	5001.8843	SS
		50.30	TOPPOST*	25	5072.6938	4998.4649	SS
		50.56	EP	26	5099.4447	5001.0270	SS
		50.55	EPEP	27	5019.4657	5001.3133	SS
		50.33	EP	28	4966.6804	5002.8345	SS
		50.40	EP	29	4908.5971	5004.2150	SS
		49.78	EP	30	4879.7040	5001.8373	SS
		48.76	R3WET	31	4932.1524	4996.0929	SS
		49.27	EDGLWN**	32	4949.6191	4997.0019	SS
		47.63	EDGWET	33	4970.5813	4988.2458	SS
		47.57	CLWET4W	34	4985.3474	4987.1789	SS
		47.94	CLWET4W	35	5000.4241	4990.7397	SS
		49.14	TOP12CMP	36	5014.5373	4991.5594	SS
		51.50	BMNLMAP	37	5012.8153	4975.3075	SS
		50.27	EDGLWN	38	4972.1772	4936.3667	SS
		50.27	EDGLWN	39	4973.4546	4946.7162	SS
		51.05	EDGLWN	40	4980.4361	4950.3236	SS
		51.96	EDGLWN	41	4989.0351	4949.3329	SS
		52.42	EDGLWN	42	4994.2062	4944.1598	SS
		53.10	EDGLWN	43	5004.9092	4940.3416	SS
		53.41	EDGLWN	44	5010.8458	4938.1132	SS
		54.07	CORHSEST	45	5011.8539	4931.9243	SS
		54.02	CORSTOOP	46	5015.5898	4934.4483	SS

JOB #14 818OHEIR [255]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
					02-19-2025-----15:57:22-----D:....\BMHOME19		
	54.77	FLOOR	47	5013.9502	4929.6804	SS	
	53.34	EDGLWN	48	5018.6350	4940.1751	SS	
	52.50	EDGLWN	49	5038.8013	4945.7474	SS	
	52.90	EDGLWN	50	5028.9376	4943.5218	SS	
	53.48	CORHSE**	51	5047.9252	4935.0222	SS	
	53.01	TOPTANK?	52	5017.8163	4942.6957	SS	
	52.16	@DRYWLL	53	5012.0890	4953.4646	SS	
	51.50	GND	54	5011.2080	4967.4982	SS	
	50.50	H2OSO	55	5023.3280	4997.5150	SS	
	50.06	GND	56	4990.9430	4965.9645	SS	
	50.57	GND	57	5001.5620	4971.9034	SS	
	50.96	GND	58	4976.3659	4961.5416	SS	
	49.19	GND	59	4966.5406	4965.2777	SS	
	49.19	24MAPLE	60	4956.2608	4950.4143	SS	
	48.85	FLAG	61	4960.1664	4974.7168	SS	
	52.23	CORSDWLK	62	5059.8859	4934.3782	SS	
	50.29	BACKHDGE	63	5069.5518	4927.7600	SS	
	50.19	BACKHDGE	64	5075.7289	4938.5725	SS	
	49.83	BACKHDGE	65	5073.0423	4954.7364	SS	
	49.57	BACKHDGE	66	5064.6670	4973.2012	SS	
			100	5000.0000	5000.0000		
			101	4880.4595	4955.0849	TRA	
			102	4876.9776	4805.2053	TRA	
			103	4948.8009	4585.8758	TRA	
			104	5115.1466	4648.3771	TRA	
			105	4937.7590	5190.0723	TRA	

Point#, Start#-End# or G#= 4-



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

APPROVAL FOR CONSTRUCTION OF INDIVIDUAL SEWAGE DISPOSAL SYSTEM (ISDS)

AS AUTHORIZED BY THE NH DEPARTMENT OF ENVIRONMENTAL SERVICES, WATER DIVISION PURSUANT TO RSA 485-A, WATER POLLUTION AND WASTE DISPOSAL AND ENV-WQ 1000, SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES.

APPLICATION APPROVAL DATE: 8/27/2018

APPROVAL NUMBER: eCA2018082714

I. PROPERTY INFORMATION

Address: 18 OLD LOCKE ROAD
NORTH HAMPTON NH 03862

Subdivision Approval No.: PRE-1967

Subdivision Name:

County: ROCKINGHAM

Tax Map/Lot No.: 5/81

II. OWNER INFORMATION

Name: JUDITH O'HEIR

Address: 18 OLD LOCKE ROAD
NORTH HAMPTON NH 03862

III. APPLICANT INFORMATION

Name: ANNE W BIAŁOBRZESKI

Address: 247 LANDING RD
HAMPTON NH 03842-4113

IV. DESIGNER INFORMATION

Name: ANNE W BIAŁOBRZESKI

Address: 247 LANDING RD
HAMPTON NH 03842-4113

Permit No.: 00348

V. SPECIFIC TERMS AND CONDITIONS: Applicable to this Approval for Construction

A. TYPE OF SYSTEM: GEOMAT

B. NO. OF BEDROOMS: 3

C. APPROVED FLOW: 450 GPD

D. OTHER CONDITIONS AND WAIVERS:

1. This approval is valid for 90 days from date of approval, per Env-Wq 1004.20.
2. Approved with a municipal water supply only.
3. This approval is based on complying with Env-Wq 1004.21 "When Installation of a replacement ISDS is Required" and obtaining an approval for operation of the ISDS prior to the approval expiration date.
4. This approval is granted to improve an existing situation.
5. The following waivers have been approved:
 - A. Rule: Env-Wq 1008 Section: 04 Minimum Distances
 - B. Rule: Env-Wq 1008 Section: 04 Minimum Distances

Darren K. King
Subsurface Systems Bureau

DES Web Site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3503 Fax: (603) 271-6683 TDD Access: Relay NH 1-800-735-2964

VI. GENERAL TERMS AND CONDITIONS: Applicable to all Approvals for Construction

- A. This Approval for Construction is issued to construct the ISDS as identified on Page 1 of this Approval.
- B. This Approval is valid until 11/25/2018, unless an Approval for Operation has been granted.
- C. By exercising any rights under this approval, the parties have agreed to all terms and conditions.
- D. No liability is incurred by the State of New Hampshire by reason of any approval of any Approval for Construction. Approval by the Department of Environmental Services of sewage and waste disposal systems is based on plans and specifications supplied by the Applicant.
- E. The system must be constructed in strict accordance with the approved plans and specifications.
- F. The installed system must be left uncovered and cannot be used after construction until it is inspected and has received an Approval for Operation of Individual Sewage Disposal System (ISDS) by an authorized agent of the Department.
- G. This system must be installed by an installer holding a valid permit. An owner may install the system for his/primary domicile.
- H. This Approval for Construction does not supersede any equivalent or more stringent local ordinances or regulations. State standards are minimal and must be met statewide.

WORK NUMBER: 201804239-1

APPROVAL NUMBER: eCA2018082714

RECEIVED DATE: August 26, 2018

TYPE OF SYSTEM: GEOMAT

NUMBER OF BEDROOMS: 3



Stockton Services <stockton752@gmail.com>

Re: 18 Old Locke Road, North Hampton**Fontana, Katie** <katie.fontana@nemoves.com>

Sat, Aug 11, 2018 at 11:42 AM

To: Timothy OHEIR <taoheir@mac.com>, Stockton Services <stockton752@gmail.com>

Cc: O'Heir Judith <oheirjudith919@gmail.com>

Sound great Tocky, please proceed.

Best,

Katie Fontana

Sales Associate

Coldwell Banker Residential Brokerage

Two International Dr #205

Portsmouth | NH 03801

Cell: 240-506-9758 | Office: 603-334-1900

www.ColdwellBankerHomes.com

From: Timothy OHEIR <taoheir@mac.com>**Sent:** Saturday, August 11, 2018 11:41 AM**To:** Stockton Services**Cc:** Fontana, Katie; O'Heir Judith**Subject:** Re: 18 Old Locke Road, North Hampton

RCCD check is in the mail this morning.

Tim O'Heir

taoheir@mac.com

(917)282-3846

On Aug 11, 2018, at 10:13 AM, Stockton Services <stockton752@gmail.com> wrote:

ok, I have already put in request for test pit and had Tim get the check off to RCCD since finding out that Chris has 3 pits in North Hampton already this coming Wednesday and is willing to do a 4th if we can pull it off. Won't know until Monday when RCCD office is open. DO NOT call Chris, he is on vacation until Tuesday.

To recap the discussion.....

\$270 plus \$65 = \$335 to RCCD

cost of backhoe for test pit (guessing \$250ish)

I forgot to mention \$300 state review fee, sorry

My fee \$1200-\$1500.

Hoping someone will reply and give me a quick OK to this and I will try to visit the site this weekend or Monday. I will call ahead.

Tocky

Anne W, Bialobrzeski
NHLLS #752
NHDES Septic Designer #348
Stockton Services
PO Box 1306
Hampton, NH 03843-1306
603 929-7404

On Fri, Aug 10, 2018 at 5:15 PM, Fontana, Katie <katie.fontana@nemoves.com> wrote:

Hi Tocky,

Thank you for speaking with myself and Tim O'Heir this morning. We are pleased that you will handle the seller's request to provide a septic system plan. We greatly appreciate your help and know you understand the time constraint the seller is in. All parties involved want to get to a mutually agreeable solution.

Attached is the elevation certificate and the septic inspection report.

I will be traveling next week, but reachable by email. Tim O'Heir will be in town with his mother Judy until this coming Thursday. His number is 917-282-3846 (but reception at house is minimal). It's best to call the house phone at 603-964-5739 and leave a message.

Best regards,

Katie Fontana

Sales Associate

Coldwell Banker Residential Brokerage

Two International Dr #205

Portsmouth | NH 03801

Cell: 240-506-9758 | Office: 603-334-1900

www.ColdwellBankerHomes.com

***Wire Fraud is Real*. Before wiring any money, call the intended recipient at a number you know is valid to confirm the instructions. Additionally, please note that the sender does not have authority to bind a party to a real estate contract via written or verbal communication.**



ADVANCED ONSITE SOLUTIONS LLC

PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

August 24, 2018

Judith O'Heir
18 Old Locke Road
North Hampton, NH 03862

Dear Judith O'Heir:

We have enclosed the Sales and the Inspection Agreements for **THE CLEAN SOLUTION™** system. The system has been sized for your existing 3-bedroom single-family home located at 18 Locke Road in North Hampton, NH.

The agreements describe **THE CLEAN SOLUTION** system, the required inspections, maintenance, and the cost of the system components.

Attachments:

1. Sales Agreement and Inspection Contract for your records.
2. **Inspection Agreement (2 copies)** - Return one signed copy to your designer. This copy will be sent to NHDES with your subsurface disposal for review. NHDES requires it for their records to show that you have been made aware of the inspection and maintenance.
3. **Sales Agreement** – Please sign and return with the initial payment to AOS three weeks prior to the system being installed. This time is need to order the tank and system components.

When you return the above documentation to AOS please provide us with your installer's name and contact information. Once we have this information AOS will coordinate with your installer on the installation date.

Thank you for choosing **THE CLEAN SOLUTION** alternative septic system. We look forward to working with you. Please call if you would like to discuss the system or the sales agreement.

Sincerely,

Gary R. Spaulding
General Manager, Advanced Onsite Solutions, LLC



ADVANCED ONSITE SOLUTIONS LLC

PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

SALES AGREEMENT

August 24, 2018

BUYER:

Name: Judith O'Heir
Address: 18 Old Locke Road
City, State, Zip: North Hampton, NH 03862
Phone:
Cell:
Email:

OWNER-IF DIFFERENT:

Name:
Address:
City, State Zip:
Phone:
Cell:
Email:

Please complete all missing information

SITE:

Property ID: Tax Map 5 Lot No. 81
Address: 18 Old Locke Road
City, State, Zip: North Hampton, NH 03862
Waterbody: na
Design Flow: 450 gpd
Number of Bedrooms: 3

Designer Information:

Stockton Services
P.O. Box 1306
Hampton, NH:

Advanced Onsite Solutions LLC (AOS) will supply **THE CLEAN SOLUTION™** Sewage Treatment System for the above site based on design parameters provided by the designer / owner and subsurface disposal plan(s) submitted to AOS by a licensed designer. Change of use that results in an increase in daily flow or wastewater strength will impact the performance of **THE CLEAN SOLUTION**. The owner(s) or the owner(s) representative(s) is responsible for obtaining all required state and local approvals.

This Sales Agreement is subject to the following conditions:

1. The buyer will provide AOS with copies of the approved plans.
2. The buyer will hire a qualified installer licensed for Subsurface Disposal.
3. This agreement includes a required inspection agreement. Owner understands that failure to perform the required maintenance may result in premature dispersal field failure.

AOS will provide the following:

THE CLEAN SOLUTION system model: 250ST-R3-APC-EXTB

Tank Type: **Concrete** Plastic**Loading Requirements:** Standard Duty H-20 duty**Air Line** **1/2 " dia.** 3/4 " dia.**Access Risers:** Plastic Risers to 6" Plastic Risers to 12" Plastic Risers to 18" Plastic Risers to 24"**Additional Components:** **Compressor Shelf** **Compressor Outdoor Enclosure** Compressor Alarm Pressure alarm switch STF-100 pressure filter **Tank Sealing**



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ELECTRICAL REQUIREMENTS:

Owner shall be responsible for hiring a licensed electrician. A 120-volt outlet, non-ground fault interrupted circuit, supplying 5 amps per compressor. Location of the outlet(s) shall be within 50' of **THE CLEAN SOLUTION** system and within 4' of the compressor.

FOLLOWING PROVIDED BY OTHERS:

- Septic tanks if required
- Pump Chamber if required
- Effluent pump, all pump controls and electrical disconnect switch
- Exterior Venting may be required for older homes
- Exterior Venting is required for systems where effluent is pumped to **THE CLEAN SOLUTION** system
- Excavation for installing system components
- Construction of the dispersal field
- Piping to and from **THE CLEAN SOLUTION** system

OWNER HAS THE FOLLOWING UNDERSTANDING:

- Failure to install the subsurface disposal system according to the approved plan will void system warranty and performance specifications.
- The owner's contractor shall ensure that all risers are watertight and all system components, both upstream and downstream of **THE CLEAN SOLUTION** system, are watertight to prevent infiltration from groundwater and surface runoff.
- **THE CLEAN SOLUTION** system has not been designed to handle backwash discharge from Water Softeners or other high water use fixtures such as hot tubs or spa style showers. Discharge water from high water use fixtures to be discharged into an approved drywell.
- If the subsurface disposal system requires an effluent pump, the pump chamber shall be inspected annually for sludge buildup and pumped as necessary.

MAINTENANCE SUGGESTIONS:

There is ongoing concern that pharmaceuticals, medical treatments, and personal care products impact how a septic system functions. Studies have shown that these products can disrupt the balance of bacteria in the septic tank, reducing the septic tank's efficiency to break down waste.

The following is recommended:

1. The EPA suggests that unused pharmaceuticals, either prescription or over the counter medicines, not be disposed of in the septic system. Check with your local pharmacy to see if it has a program to dispose of unused medicines.
2. If a resident of the home is undergoing medical treatment with high strength antibiotics, the system should be inspected annually to determine a proper maintenance schedule.



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PERFORMANCE SPECIFICATIONS:

THE CLEAN SOLUTION system has been designed based on the following standard residential wastewater influent strength from primary septic tank(s) - BOD₅ of 140-180 mg/l, TSS 100-150 mg/l and FOG <5 mg/l. Leach fields are designed based on a peak design flow (gpd). Leach fields are not designed to be loaded at the peak design flow every day. The peak factor is typically twice the average household water consumption over a 30-day period. Leach fields that are loaded at the peak design flow on a daily basis may experience premature failure. It is important to repair leaking water fixtures promptly and to spread out laundry through the week rather than doing several loads in one day

LIMITED WARRANTY

For a period of 3-years from the date of installation, AOS warrants that the components within the BioCon chamber will be free from defects. If a defect exists, AOS will repair or replace the defective components at no cost to the owner. This limited warranty does not cover the cost of pumping the system to make necessary repairs, or the cost for excavation to replace or make repairs, or replacement of landscaping features. This limited warranty does not cover failure of the dispersal field(s). AOS does not warranty THE CLEAN SOLUTION system or EDA components installed by others.

For compressors that have been maintained and used under normal operating conditions, AOS will extend the compressor manufacturer's warranty from one year to two years. Labor to replace compressors will be billed out at AOS standard hourly rates.

EXCLUSIONS AND LIMITATIONS

This limited warranty for pump chamber components (pump, floats, alarms, etc) if supplied by AOS is limited to the manufacturer's terms and conditions. Labor to replace effluent pump/floats/alarms will be billed out at AOS standard hourly rates.

It is the owner's responsibility to ensure that inspections are performed by AOS or an AOS-approved vendor. Failure to perform a timely inspection, or to perform the required maintenance, maintain records of pumping or to notify AOS of any problems will void this limited warranty. This limited warranty does not cover damage caused by improper use by the occupants, poor construction or design practices, high groundwater, flooding, or acts of God.

Owner shall defend, indemnify, and hold harmless AOS and its employees and subcontractors, from and against any and all claims, demands, causes of action, damages, liabilities, losses, and expenses arising from the project and/or the contract to the extent caused by the fault of Owner and/or its consultants, design professionals, or agents.

THIS LIMITED WARRANTY IS IN LIEU OF AND SUPERSEDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. AOS SHALL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, NOR SHALL AOS LIABILITY UNDER THIS WARRANTY EXCEED THE AMOUNT PAID TO AOS FOR **THE CLEAN SOLUTION SYSTEM.**



ADVANCED ONSITE SOLUTIONS LLC

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Canterbury, NH 03224

(603)-783-8042

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Sales Agreement

The agreed upon price for THE CLEAN SOLUTION system is:	\$ 6,900.00
<i>Heavy duty tank with pump chamber and extended 6" base</i>	\$ 3,594.00
Additional Components / Upgrades: <i>tank coating and tank wrap</i>	\$ 600.00
Outside enclosure if required	\$ 300.00
Delivery	-
Total Due:	\$ 11,394.00
Payment schedule is as follows:	
FIRST PAYMENT upon signing this agreement	\$ 5,697.00
FINAL PAYMENT payable on the day of installation	\$ 5,697.00

If the AOS technician has to return to complete the scheduled installation because the site is not properly prepared, Buyer agrees to pay AOS \$80.00/man hour for subsequent visit(s).

Failure to pay in full will void all warranties. Buyer agrees to pay all costs and expenses incurred by AOS, including all attorney fees, and all collection charges (including a percentage of the outstanding balance of this Contract) should the account be referred to a collection agency. **Payment to be made by check, cash, or direct deposit to account.**

THIS SALES AGREEMENT IS VALID FOR 60 DAYS FROM THE DATE OF THIS DOCUMENT. ALL SYSTEM COMPONENTS MUST BE INSTALLED WITHIN 60 DAYS OF INITIAL DEPOSIT. FAILURE TO INSTALL THE SYSTEM COMPONENTS WITHIN 60 DAYS MAY RESULT IN ADDITIONAL CHARGES. THE ABOVE PRICE IS BASED ON PLANS PROVIDED BY THE OWNER'S REPRESENTATIVE. THERE ARE TIMES WHEN SITE CONDITIONS REQUIRE ADDITIONAL TIME OR ADDITIONAL MATERIALS TO INSTALL THE SYSTEM CORRECTLY. IF ADDITIONAL MATERIALS OR TIME ARE NEEDED TO INSTALL THE SYSTEM, ADDITIONAL CHARGES MAY APPLY.

By signing below the owner or owner's representative has read the SALES AGREEMENT and attached INSPECTION AGREEMENT and agrees to the terms of the SALES AND INSPECTION AGREEMENTS and to perform the necessary inspections and maintenance outlined in the INSPECTION AGREEMENT.

ACCEPTED BY:

DATE:

Name: Judith O'Heir
Address: 18 Old Locke Road
City, State, Zip: North Hampton, NH 03862
Phone:
Cell:
Email:

PLEASE PROVIDE ALL INFORMATION REQUESTED ABOVE



ADVANCED ONSITE SOLUTIONS LLC

PO Box 248
Canterbury, NH 03224
(603)-783-8042
Toll Free: (866) 900-2415

RESIDENTIAL NEW HAMPSHIRE INSPECTION AGREEMENT August 24, 2018

OWNER:

Name: Judith O'Heir
Address: 18 Old Locke Road
City, State, Zip: North Hampton, NH 03862

SITE:

Property ID: Tax Map 5 Lot No. 81
Address: 18 Old Locke Road
City, State, Zip: North Hampton, NH 03862

Waterbody: na

Design Flow: 450 gpd
Number of Bedrooms: 3

The following inspection and maintenance is required. It is the owner's responsibility to see that this maintenance is performed.

Residential Use (Single Family Home)

1. If the Individual Subsurface Disposal System (ISDS) is a gravity system, **THE CLEAN SOLUTION** system shall be inspected every 2 years by a certified AOS Technician.
2. If the ISDS utilizes a pump between the BioCon chamber and the dispersal field, AOS requires either a) a separate pump chamber after the settling chamber (preferred), or b) installation of a Sim/Tech pressure filter or approved equivalent on the outlet side of the pump.
3. After the inspection, you may need to contact your septic pumper to pump out the septic and settling/pump tanks. Maximum time between pumping should not exceed 2 years. More frequent pumping may be required depending on system use and number of occupants. Owner must retain records of pumping.
4. Compressor must run continuously. It should be checked for operation at least once a month unless a compressor alarm has been installed. Compressor Air Filter to be cleaned or replaced yearly. If the Compressor is located in a dusty environment the filter will need to be cleaned more frequently
5. An AOS Technician will determine when the BioCon™ chamber will need pumping. Typical residential use requires BioCon Chamber to be pumped and cleaned every 5 to 7 years.
6. Compressor may be disconnected for seasonal homes that have been winterized.
7. Leach fields are designed based on a peak design flow (gpd). Leach fields are not designed to be loaded at the peak design flow every day. The peak factor is typically twice the average household water consumption over a 30-day period. Leach fields that are loaded at the peak design flow on a daily basis may experience premature failure. It is important to repair leaking water fixtures promptly and to spread out laundry through the week rather than doing several loads in one day.



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Additional Maintenance Suggestions:

There is ongoing concern that pharmaceuticals, medical treatments, and personal care products impact how a septic system functions. Studies have shown that these products can disrupt the balance of bacteria in the septic tank, reducing the septic tank's efficiency to break down waste.

The following is recommended:

1. The EPA suggests that unused pharmaceuticals, either prescription or over the counter medicines, not be disposed of in the septic system. Check with your local pharmacy to see if it has a program to dispose of unused medicines.
2. If a resident of the home is undergoing medical treatment with high strength antibiotics, the system should be inspected annually to determine the proper maintenance schedule.

This Inspection service includes the following: Inspection Report, Replacing Compressor Filter, replacement of failed system components within the BioCon and Settling Chambers that are covered under warranty provided by AOS. The cost of pumping out the tank(s) to perform the necessary repairs or components required to make repairs is not included in the inspection fee.

The inspection fee does not cover routine maintenance of the BioCon Chamber (pumping and cleaning)

Failure to have an inspection agreement with AOS or an approved vendor will void warranty outlined in the **Sales Agreement provided by AOS. AOS does not warranty THE CLEAN SOLUTION systems or system components that have been installed by others.**

INSPECTION FEE SCHEDULE

Single Family Residential Homes – The current fee is \$225.00 per inspection plus the cost of replacement parts not covered by warranty. If the covers are buried the fee for digging up the covers is \$50.00 per access hole to a depth of 12", Access covers buried between 12 and 24" below the service the fee will be \$75.00 per access hole. AOS will not uncover access covers that are greater than 24" below the surface.

AOS may adjust the Inspection fees as needed to cover increase in cost of service and goods (i.e. Fuel).

Inspection fees are payable at time of service.

By signing below, the owner or owner's representative warrants that s/he has read and agrees to the terms of the SALES and INSPECTION AGREEMENTS, and agrees to perform the necessary inspections and maintenance outlined.

ACCEPTED BY:

DATE:

Name: Judith O'Heir
Address: 18 Old Locke Road
City, State, Zip: North Hampton, NH 03862

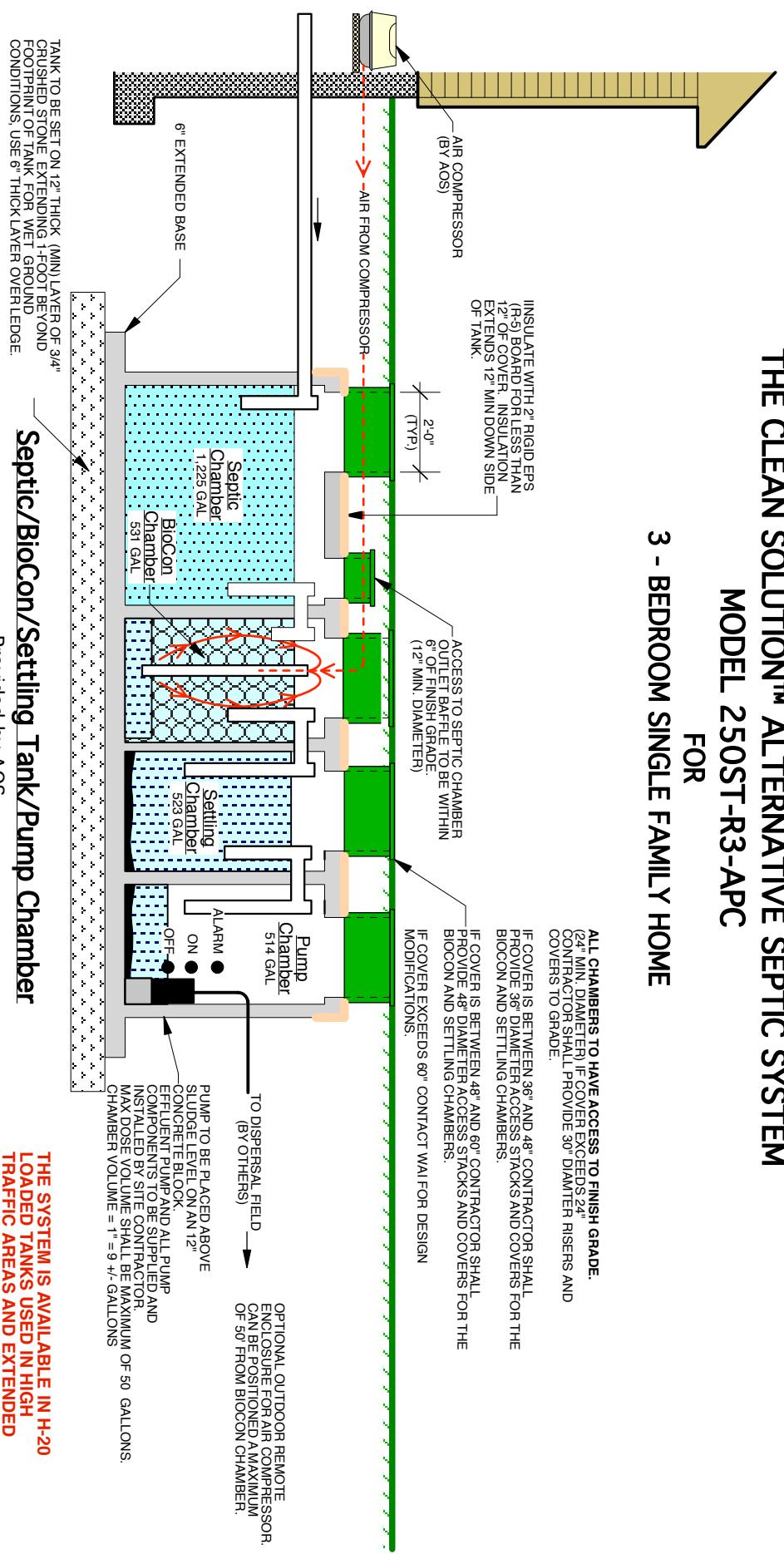
PLEASE PROVIDE ALL INFORMATION REQUESTED ABOVE

THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM

MODEL 250ST-R3-APC

FOR

3 - BEDROOM SINGLE FAMILY HOME



THE SYSTEM IS AVAILABLE IN H-20 LOADED TANKS USED IN HIGH TRAFFIC AREAS AND EXTENDED BASE TANKS WHEN USED IN HIGH GROUND WATER APPLICATIONS. CALL AOS FOR TANK DETAILS.

NOTES:

1. Septic & Settling Compartments must be pumped every 2 years.
More frequent pumping may be required depending on use.
2. Tank is heavy duty but is not suitable for drive on use. H-20 models available.
3. Contractor to verify tank dimensions prior to setting.
4. Plastic risers will be provided to suite site (up to 12" depth).
Contractor to provide additional risers to finish grade if cover over tank exceeds 12".
See above for depth requirements.

Site: Tax Map 5 Lot No. 81

18 Old Locke Road
North Hampton, NH 03862

Owner: Judith O'Heir

18 Old Locke Road
North Hampton, NH 03862

Date

08/23/2018

Rev.



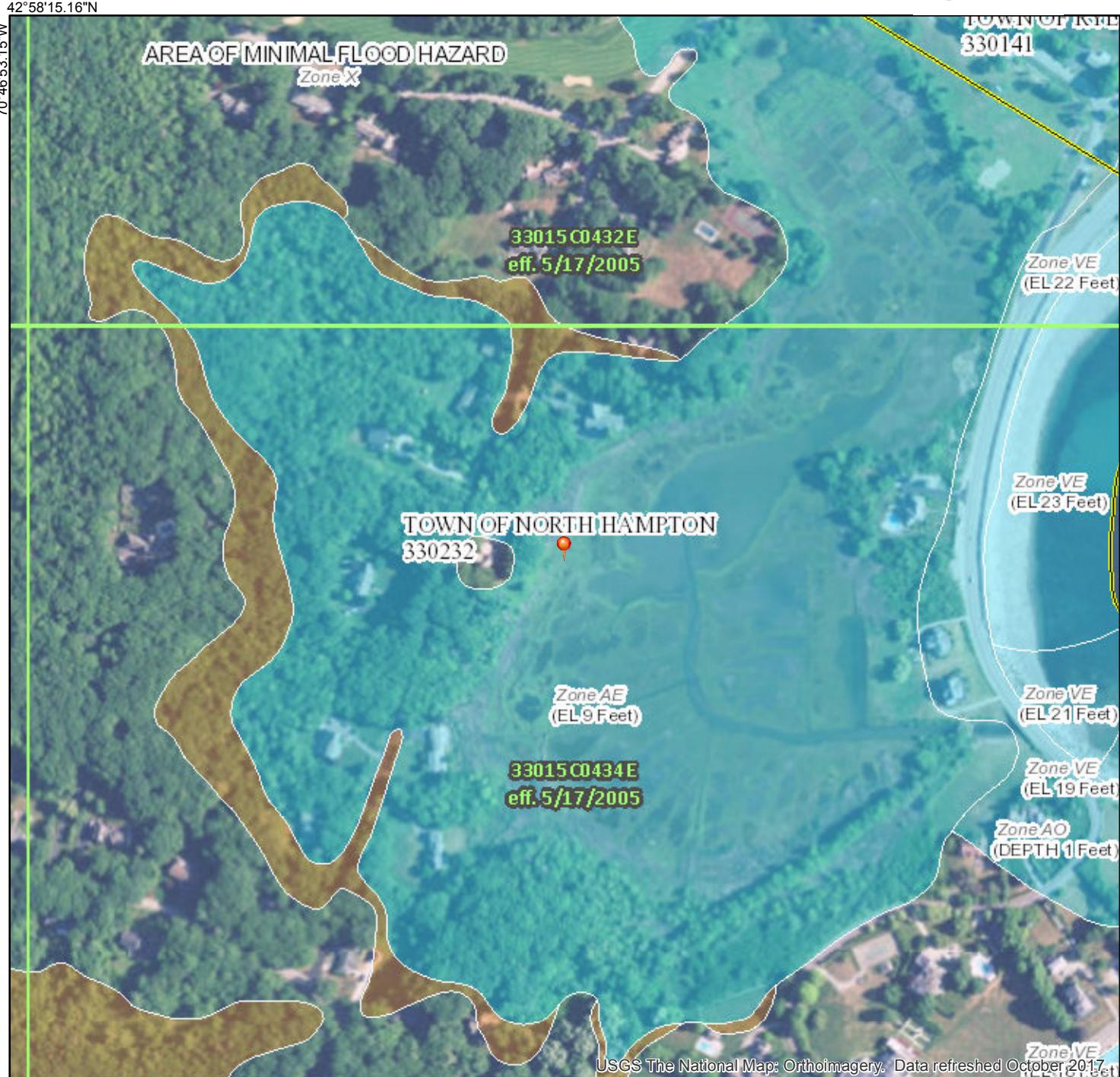
Advanced Onsite Solutions LLC
innovative wastewater solutions with sustainable results

P.O.Box 248
Canterbury, NH 03224
Phone 603.369.4777

National Flood Hazard Layer FIRMette



FEMA



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X

Future Conditions 1% Annual Chance Flood Hazard Zone X

Area with Reduced Flood Risk due to Levee. See Notes. Zone X

Area with Flood Risk due to Levee Zone D

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

20.2 Cross Sections with 1% Annual Chance

17.5 Water Surface Elevation

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

MAP PANELS

Digital Data Available

No Digital Data Available

Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/10/2018 at 3:12:28 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



18 OLD LOCKE RD**Location** 18 OLD LOCKE RD**Mblu** 005/ 081/ 000/ /**Acct#** 000412**Owner** O'HEIR JUDITH TRUSTEE**Assessment** \$409,100**Appraisal** \$409,100**PID** 1381**Building Count** 1**Current Value**

Appraisal			
Valuation Year	Improvements	Land	Total
2018	\$166,800	\$242,300	\$409,100
Assessment			
Valuation Year	Improvements	Land	Total
2018	\$166,800	\$242,300	\$409,100

Owner of Record

Owner O'HEIR JUDITH TRUSTEE
Co-Owner JUDITH A O'HEIR REVOC TRT
Address 18 OLD LOCKE RD
 NO HAMPTON, NH 03862

Sale Price \$40
Certificate
Book & Page 5778/0860
Sale Date 12/01/2017
Instrument 1A

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
O'HEIR JUDITH TRUSTEE	\$40		5778/0860	1A	12/01/2017
O'HEIR JUDITH TRUSTEE	\$0		5778/0860	1A	12/12/2016
O'HEIR DAVID F & JUDITH	\$88,000		2490/0072	00	05/15/1984

Building Information

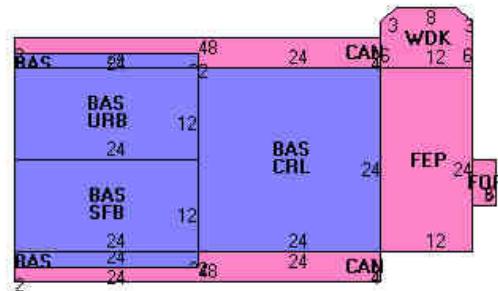
Building 1 : Section 1

Year Built: 1958
Living Area: 1,248
Replacement Cost: \$219,684
Building Percent Good: 75
Replacement Cost Less Depreciation: \$164,800

Building Attributes	
Field	Description
Style	Raised Ranch
Model	Residential
Grade:	Average +10
Stories:	1 Story
Occupancy	1
Exterior Wall 1	Wood on Sheath
Exterior Wall 2	
Roof Structure:	Gable/Hip
Roof Cover	Asph/F Gls/Cmp
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Flr 1	Carpet
Interior Flr 2	Hardwood
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	None
Total Bedrooms:	3 Bedrooms
Total Bthrms:	2
Total Half Baths:	0
Total Xtra Fixtrs:	
Total Rooms:	5
Bath Style:	Average
Kitchen Style:	Average
MH Park	

Building Photo

(http://images.vgsi.com/photos/NorthHamptonNHPhotos//00\00\74\96.jpg)

Building Layout

(http://images.vgsi.com/photos/NorthHamptonNHPhotos//Sketches/1381_1381.jpg)

Building Sub-Areas (sq ft)		Legend	
Code	Description	Gross Area	Living Area
BAS	First Floor	1,248	1,248
CAN	Canopy	288	0
CRL	Crawl Space	576	0
FEP	Porch, Enclosed, Finished	288	0
FOP	Porch, Open	18	0
SFB	Basement,Raised Finished	288	0
URB	Basement,Raised Unfinished	288	0
WDK	Deck, Wood	92	0
		3,086	1,248

Extra Features

Extra Features				Legend
Code	Description	Size	Value	Bldg #
FPL	GAS FIREPLACE	1 UNITS	\$1,200	1

Land**Land Use**

Use Code 1010
Description SINGLE FAM MDL-01
Zone R2
Neighborhood
Alt Land Appr No
Category

Land Line Valuation

Size (Acres) 1.44
Frontage
Depth
Assessed Value \$242,300
Appraised Value \$242,300

Outbuildings

Outbuildings				Legend		
Code	Description	Sub Code	Sub Description	Size	Value	Bldg #
SHD1	SHED FRAME			96 S.F.	\$800	1
RPV1	PAV - SM			1 UNITS	\$0	1

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2017	\$126,500	\$217,600	\$344,100
2016	\$124,400	\$217,600	\$342,000
2015	\$124,400	\$217,600	\$342,000

Assessment			
Valuation Year	Improvements	Land	Total
2017	\$126,500	\$217,600	\$344,100
2016	\$124,400	\$217,600	\$342,000
2015	\$124,400	\$217,600	\$342,000

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GRANT CONSTRUCTION LIC# 2377
372 PARKER MOUNTAIN ROAD, BARRINGTON, NH 03825 (603) 664-2529

Septic System Inspection:

By: Ken Grant

Date: 8-2-18 - 2018

Name Russ Steinhilber

Location 18 Old Locke Rd., North Hampton NH

By performing this inspection, we are able to determine the general condition of the septic system, but we cannot predict how long the septic system will continue to work. The inspection and report is based upon observations of the conditions that existed only at the time of the inspection. The condition of this system can change as early as 24 hours; this is an inspection and not a guarantee.

Intended for an active working system before tank pumping.

Reported as 3 Bedroom

State Construction Approval Unknown

1 person Loading

Type of system Small drywell & trench System condition old, undersized, poor working order

Leachfield grade allows storm runoff Topsoil 6-8" 10" rocky, rootbound, loamy sand

Construction 2'x2'x6' ± Black Built drywell w/ crushed stones trench, interfaced w/ water table

Black Sand/stone Yes Leachate water 10" of leachate water in chamber Vent No

Separate drain area for other appliances Yes laundry discharge to rear of house to drywell?

Septic tank Concrete - round - old

Size 500 gallons

Inlet baffle * Missing

Outlet baffle 90° elbow probable pvc

Rootgrowth Yes

Condition old structure, no major breaks or separations seen except baffle Pumping Yes

Inlet pipe 4" cast iron, corroded, poor Outlet pipe probable pvc to clay, footage replaced w/ 2x2" Covers replaced w/ 2x2"

Operating level meets design intent; 2-3" below inlet and at invert of outlet at inspection

Tank installed level yes

Backup/overcharge Not seen

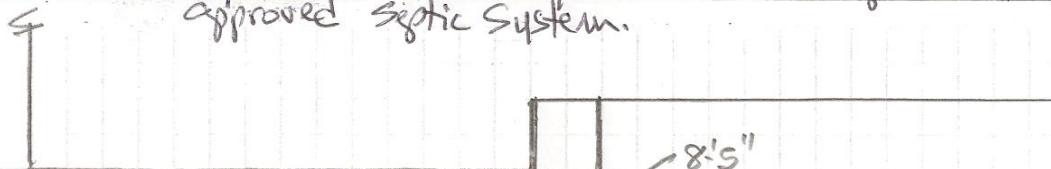
Tank outlet filter No

Pump up system No

Working order N/A

Alarm No

S.T. Needs pumping and should be replaced. Cast iron inflow pipe should be replaced w/ PSC. Existing old undersized system should be replaced with state approved Septic System.

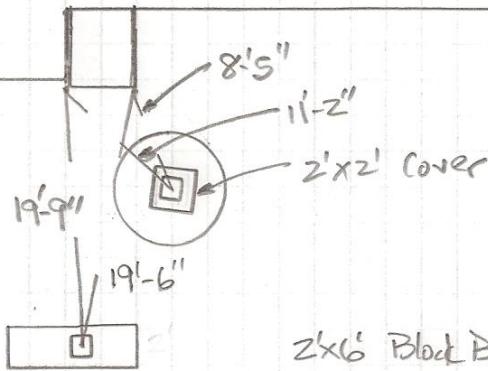


Crushed Stones

19" Below grade

8x8"

Crushed stones trench - approx 4' ± below top of stones



2'x6' Block Built

12" below grade 2' deep max depth

10" leachate, 7" fill balance usable

System leaching and drywell appears to interface with water table which does not protect ground water.







Aug 4 (4 days
ago)

Grant

to rob russ, me

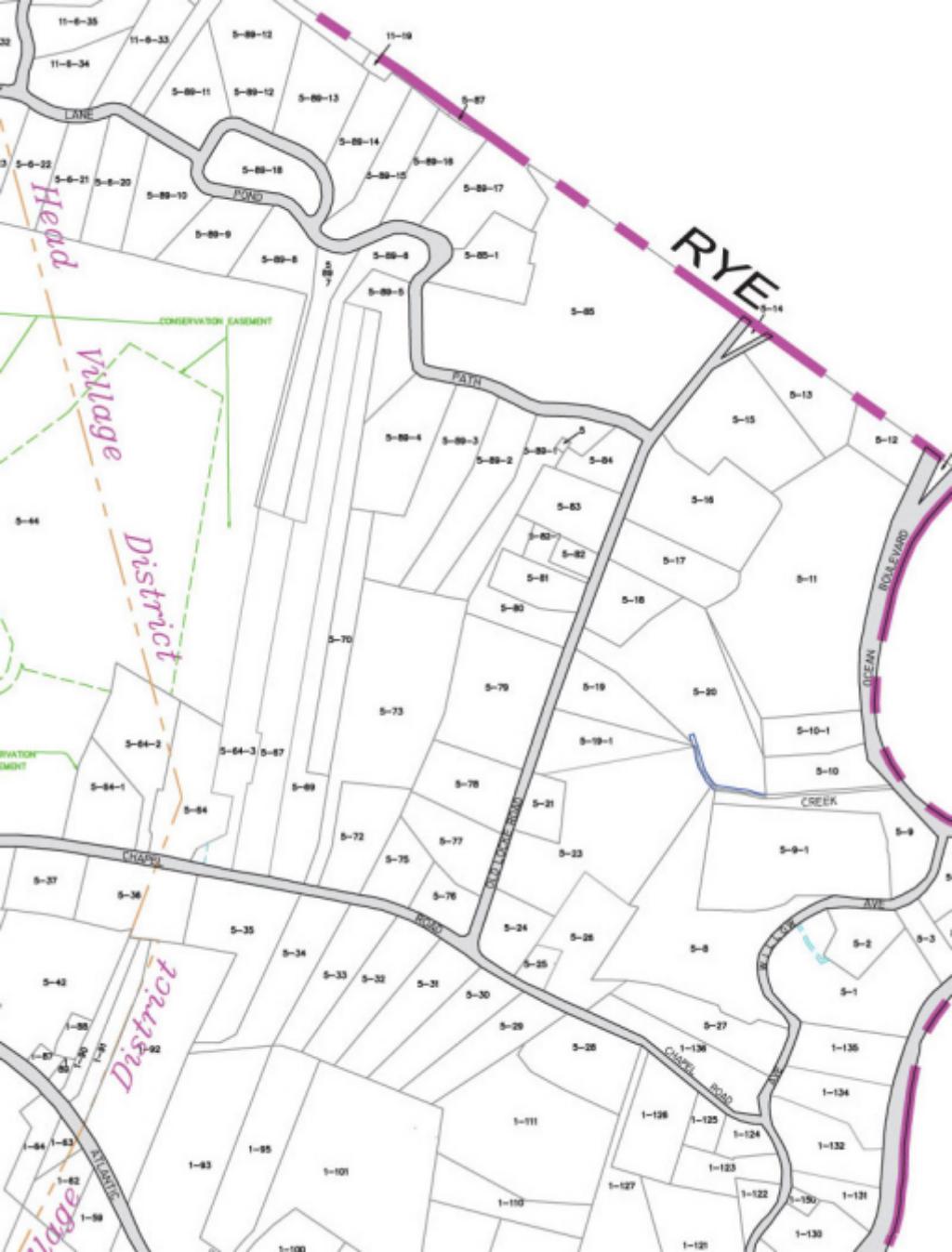
Install State Approved Septic System:

Existing septic tank small, 300 gallons, and No inflow baffle. Drywell leaching chamber is small and shows much rootage infiltration. Drywell and connecting crushed stones trench show high leachate level. Leaching area

appears to be flowing into ground water table, which is code violation and never grandfathered. Cast iron inflow pipe to septic tank shows corrosion and buildup inside of pipe and should be replaced. Laundry discharge at

rear of house also appears to be a direct flow to ground water.

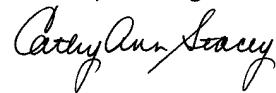
Ken Grant



Return to:

Judith O'Heir
3 Sterling Hill Lane, Unit 314
Exeter, NH 03833

E # 18042613 10/18/2018 08:04:07 AM
Book 5955 Page 60 Page 1 of 2
Register of Deeds, Rockingham County



LCHIP	ROA427397	25.00
TRANSFER TAX	R0083579	4,275.00
RECORDING		14.00
SURCHARGE		2.00

WARRANTY DEED

Janet W. Murphy, unmarried, of 17 Dartmouth Street, Maynard, MA 01754, for consideration paid, grants to **Judith O'Heir**, unmarried, of 18 Old Locke Road, North Hampton, NH 03862, with *WARRANTY COVENANTS*:

A certain condominium unit in the condominium known as "Sterling Hill at Exeter, a Condominium" located in Exeter, County of Rockingham and State of New Hampshire, said unit being more particularly described as follows:

Condominium Unit 314 in Building 3 of "Sterling Hill at Exeter, a Condominium," said condominium having been established pursuant to New Hampshire R.S.A. 356-B by a Declaration of Condominium recorded in the Rockingham County Registry of Deeds at Book 4158, Page 1512, including First Amendment recorded in said Registry at Book 4232, Page 696, Second Amendment recorded in said Registry at Book 4367, Page 1807 and Third Amendment recorded in said Registry at Book 4495, Page 1624, and as delineated on a site plan recorded in the Rockingham County Registry of Deeds as Plan #D-32939 and floor plan recorded in the Rockingham County Registry of Deeds as Plan #D-32837 and TOGETHER WITH an undivided interest in the Common Area appurtenant to said unit as defined, described and identified in said Declaration, as same may be amended from time to time.

This unit is conveyed SUBJECT TO and TOGETHER WITH the following:

1. Provisions, terms, conditions, restrictions, obligations, covenants, rights and easements as contained in said Declaration of Condominium at Book 4158, Page 1512, including First Amendment recorded in said Registry at Book 4232, Page 696, Second Amendment recorded in said Registry at Book 4367, Page 1807 and Third Amendment recorded in said Registry at Book 4495, Page 1624 and the By- Laws thereto recorded in the Rockingham County Registry of Deeds at Book 4158, Page 1541, including First Amendment recorded in said Registry at Book 4594, Page 2288 and Second Amendment recorded in said Registry at Book 4635, Page 266, as the same may be amended from time to time;
2. Provisions of New Hampshire R.S.A. 356-B, as said statute is in effect as of the date hereof and may hereafter be amended.

40 60 80

MAP 005 LOT 82
MILDRED H. DURHAM

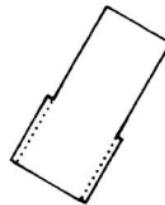
N 20° 35' 34"E
177.70

S 71° 52' 05"E
370.00

ROAD

MAP 005 LOT 81

62,211 SQ. FT.
1.43 ACRES



S 20° 35' 34"E
127.70
LOCKE
PUBLIC VAR. WIDTH

1.04
0.44
SHED ENCROACHMENT
ON O'HEIR PROP.

N 71° 52' 05"W
230.79
S 88° 40' 09"W
149.92

MAP 005 LOT 80
ANDRE & SHIRLIE LAMOTHE

N 71° 52' 05"W
430.50

0158

8/10

David O'Heir

Tim

603 964-5739

18 Old Locke Road
owner Judith O'Heir

~~603~~

referred by Sue Tareta

~~8/18/10~~

5778-860

3 Bedrooms

C 20158

2490-072

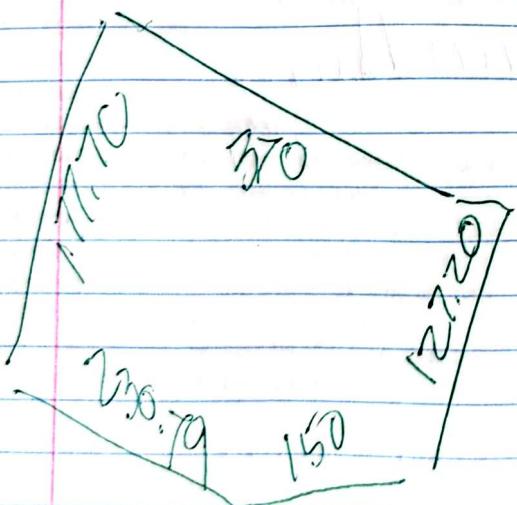
2380-444

~~2263-0234~~ 1976

Dancy Pierce

~~1987-281 1963~~

ORIGINAL 1651-364 1965
Dancy Chester Parkhurst



Introduction

The GeoMat™ Leaching System (GeoMat), manufactured by Geomatrix Systems, LLC (Geomatrix) is low profile and designed for maximum treatment and infiltration of wastewater into soil; in certain instances, it is used for subsurface irrigation and nutrient reuse. GeoMat may be utilized with wastewater from a septic tank or pretreatment system (i.e. ATU). The GeoMat comes 6, 12 or 39 inches wide and nominally 1 inch thick.

Water flows into the GeoMat through gravity and/or pressure piping systems. The water is discharged into a highly transmissive core that is covered by a hygroscopic membrane. This combination of the core and membrane draw the water between the application points and uniformly apply the water to the surrounding soil. The soil then draws the water away from the surrounding membrane through capillary action. This results in a more efficient and uniform application of waste water to the soil and minimizes the point loading associated with some other low profile systems. GeoMat can be installed in trench and bed layouts and function with gravity, pump to gravity, and pressure distribution (PD) system configurations.

The combination of a high surface area to void space ratio and shallow placement in the soil profile result in enhanced aeration. Shallow placement in the more biologically active soil horizons additionally enhances treatment of nitrogen, phosphorus, pharmaceutical compounds and other emerging contaminants of concern, Biological Oxygen Demand (BOD), Total Suspended Solids (TSS), viruses and other pathogens.

Geomatrix products are the result of intensive research and development, including in house and third party testing. Test reports are available by contacting Geomatrix.

While some codes do not require the use of PD, treatment units, flow equalization or SoilAir™, Geomatrix, highly recommends the use of these features to enhance treatment and system lifespan especially where high flows and challenging waste streams are present.